

# Stage LED Screen

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If you are looking for stage LED screens or thinking of renting a set LED wall for your next event, there are several things that you need to know first before actually purchasing LED screens.

Without your answers to the following questions, you might find selecting the right stage LED screen for you daunting.

**Permanent or Temporary?** Your answer to this question will help you decide whether to purchase your own or rent an LED wall for your stage. If you need it for a long time or use it continuously over a while, you might want to start considering contacting your local top LED display manufacturers to provide you with a stage LED screen solution. It is to save time, effort, and money in the long run. On the other hand, renting must be an intelligent choice if you only use it for a single event.

**Indoor or Outdoor?** You can use flexible LED screens on stage in both indoor and outdoor events. However, it is essential to identify whether your event will be indoors or outdoors because outdoor LED screens require a higher Ingress Protection (IP) rate. The outside environment is harsher than the indoor environment. Therefore, your stage LED screens need protection against substantial intrusions, dust, and water.

**Close or Far Distance Viewing?** It is important to tell your stage LED screens provider whether your audience will be close or far from the location LED display. It will help you choose LED screen panels for the set with appropriate resolution. Also, it ensures that you provide your audience with a seamless and more vivid image displayed during your event.

Suppose you use or buy an LED poster or LED iPoster, either for commercial or personal use. In that case, you may refer to our frequently asked questions regarding this new digital poster display technology. It will give you all the essential information about LED posters that may answer all the questions you have in mind.

If you still need further assistance, you may contact us, and we will reach out to you soon.

## 2. How To Calculate A Stage LED Screen Size?

The standard and most commonly used aspect ratio for mainstream videos and displays is 16:9. For your stage LED screen, you cannot go wrong with this format as well.

## Stage Background LED Screen

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Aspect ratio is the relationship between the width and the height of digital images and displays. The first number refers to the width, and the second refers to the size.

A 1:1 ratio means your screen width and height are equal, giving you a square size screen. 2:1 means the height is twice the width; hence, you have a landscape screen. 2:3 is an example of a portrait screen where height is greater than the width.

For the screen height of your LED screen for a stage show, 1/6 to 1/10 target (distance from the LED screen to the last row) is acceptable. Meaning to say, if the distance from your stage background LED screen to the last row is 21 meters, the height of your LED screen must be around 2.1 meters to 3.5 meters.

## 3. Why Is It Important To Consider The Pixel Pitch And Viewing Angle When Purchasing Or Renting Stage LED Displays?

Using LED screen stage design aims to provide your audience with vivid and clear images and video displays that they can enjoy during your event.

Pixel pitch is a vital element to consider because it is directly related to the ideal viewing distance for your LED display on stage so that you can give your audience an exciting audiovisual experience.

## LED Wall Stage Design

### LED-Wall Stage Design

Likewise, you need to identify your audience's viewing distance because it is critical in determining which LED screen is perfect for the event. If your audience will be close to your LED display, choosing an LED screen with a smaller pixel pitch is recommended. In comparison, a higher pixel pitch is ideal if your audience is far from the screen.

A pixel pitch of 1 (mm) millimeters to 3 (mm) millimeters or lower are recommended for close viewing LED display. And for LED displays used for outdoor events, 3 mm to 6mm or higher are commonly preferred pixel pitches. If you are still unsure what stage LED screen is right for you, you may visit us at <https://www.yuchip-led.com/>.

We have a wide range of LED screen displays perfect for your event's and trade show LED display needs.

#### 4. What Are The Advantages Of Using Stage LED Screens In Events?

Large LED screens for events are commonly used to spice up the show's attendees' and participants' viewing experience. Having big LED screens on stage gives you the following benefits:

**Lively Stage Background.** The vivid color and brilliant effects it gives can help you pull off a spectacular show for your audience. You can have a more pleasing stage background which adds positively to the visual experience of the audience. Lively stage background also evokes wonderful feelings amongst the audience, which affects audience engagement and participation.

##### LED Video Wall Stage

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**Optimized Visibility.** If you are producing an event with big crowds like a concert, it is crucial to ensure that everyone has a close view of what is going on the stage via the concert screens. Installing a concert LED screen is a way to respect your audience's right to see and enjoy the show.

Decorative Illumination. Stage LED screens also provide a better lamination in your event. It helps set the environment's mood, which is vital in providing your audience with a one-of-a-kind experience and leaving a great impression.

Creative Setup. Since ultra slim LED screens to offer flexible installation, you can choose to put in any way you think will give your audience a better visual experience. Ultra-slim LED displays also give your stage LED screen a better appearance.

## 5. How Much Would It Cost To Rent Big LED Screens For The Stage?

### LED Backdrop

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Anyone looking for stage LED screens for events, price, or renting is the most common question.

The cost of rental LED panels for stage displays varies depending on your event's needs. The screen size and venue, the installation type, the number of days you will need affect the renting price of stage LED screens.

If you want to have a basic idea of how much you need to make your stage LED screen display, you may go to our website and tell us about your LED needs, and we will provide you with a price quote.

YUCHIP is one of the top LED screen solution providers in China. Rest assured that we can provide the best-LED screens in the market with our wide range of great LED screen options, skilled LED experts, and well-experienced personnel.

## 6. What Services Are Included When Renting Stage LED Screens?

YUCHIP is an international LED display screen supplier in China. We are here to provide you with LED services from the beginning to the end of your event's production.

We will do all the necessary work to ensure you achieve spectacular LED displays that you and your audience deserve.

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You will be guided by our well-experienced technicians the entire time. Our renting LED services includes:

**High-Quality Rental LED Display.** Our indoor curtain LED screens are built using SMD (surface-mounted diode) technology to provide you with the sharpest image display. Our ultra-slim rental LED screens for outdoor use offer high image contrast because it is based on DIP (Direct in-line Package) technology to have a bright image display even under direct sunlight.

**Setting up.** Our expert personnel will install and set up everything for you. They will help you make sure that your audience will get the best viewing angle and experience.

**Operation.** LED technicians will make sure everything goes smoothly, and the screen displays will be well-managed.

**Dismantling.** Once your event is over, our personnel will dismantle the stage LED screens.

**Content Creation.** We can help you take your event to the next level by ensuring you will have a fantastic LED content display. We can customize your content for you according to your liking or needs.

To provide you with expert support, you may talk to us and tell us about your needs, and we will curate an LED screen solution that is right for you.

## 7. What Type Of Content Can Be Displayed On The LED Stage Screen?

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You can play or show almost any kind of content through your stage LED screens. You could play videos since the LED screen on stage is designed to support all major video file formats like AVI and MPEG.

Additionally, you can connect a Blu-ray disc player and DVD player to your LED screen. LED screen software is capable of loading video files from DVD. Displaying stage LED screen content is almost just the same with you adding a monitor to your computer.

LED screens have ports so you can tie in audio and video files. LED screens have XLR input for your audio feed, and video signals can connect via HDMI, DVI, VGA, D Port, and SDI connections. To engage your audience, you may also display live camera feeds or social media posts; the internet provides live updates, real-time surveys or polls, etc.

## 8. Is It Difficult To Operate An LED Stage Display?

Operating your LED stage screen is just like running your personal computer. The most practical way to transfer the signal from your monitor to the big LED screen for stage display is by using a signal cable called RJ45 – a standard network cable.

### LED Wall Stage

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Most clients being 100 meters away or less from the stage LED screen is enough for the controlling computer to be located. Hence, RJ45 cable is the most economical option.

On the other hand, if you wish to manage your LED display or have a control room far from the stage LED screen itself, you may choose a fiber optic solution. It will allow you to situate a control station for up to 10 kilometers (or more) away from the stage. However, a fiber solution is a more expensive option. You can also manage LED screens and LED displays remotely. An internet connection is available in both locations (for the stage LED screen and the controller (PC)); it will work.

## 9. If Stage LED Screens Are Suitable For Events With Smaller Venues Like Weddings?

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Yes, you may have your own LED wall stage at your wedding.

Nowadays, it's becoming more common to have an LED screen as a backdrop for weddings.

You may opt to choose to have stage LED displays on any occasion, event, or celebration.

Aside from being a glaring and beautiful backdrop, an LED screen on your wedding stage can show live what is happening at your wedding.

Like, everyone can see you and your partner as you speak your vows. All attendees will also have the opportunity to see everyone as they walk down the aisle during the procession and more.

You can also use this to display a slideshow of pictures of you, and your partner's journey before and after you met each other.

Choosing to use an LED video wall on stage over a traditional projector on your wedding day gives you many benefits.

For example, You request a customized screen size depending on your venue and the number of people attending your wedding. You may also customize the content anytime. And most importantly, it is way more fashionable to have LED screens than having a projector that can obstruct the view of some.

## 10. How Is LED Stage Display Different From Indoor And Outdoor Fixed Displays?

These are how stage LED display in different from fixed indoor and outdoor LED displays:

**Easier Installation.** Since stage LED screens are being assembled and dismantled more often than regular indoor and outdoor LED displays, stage displays have adopted a fast rigging system (with a quick-lock mechanism) for quicker and more convenient installations. It also allows secured seamless connection for the screens.